

# Technical Documentation

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for VentureVortex.com v2.0 Establish

prepared for  
**VentureVortex**  
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(Attachment)



## ***Executive Summary***

The Technical Documentation for the site consists of two topics: Directory Structure and Database Schema.

All site-wide application settings are available through the Administration Module. Any variables defined in 'application.cfm' should not be modified by anyone not 100% familiar with the entire application. 80% of the variables in said script were defined by the v1.5 site and were rolled over to the v2.0 site.

### **Contents**

- Directory Structure
- Database Schema

### **Directory Structure**

Following is a list of the directories located under the root directory of the application. This chart describes each of the directories and the purpose of the scripts located within them. Some of these directories have sub-directories, all of which are related to the purpose of the initial directory.

Directory	Description
admin	This contains all of the administration tools created specifically for the v2.0 site. Each subdirectory is for one type of administration function.
admin_1_5	This contains all of the administration tools created for the v1.5 site.
articles	This is the articles functionality from the v1.5 site.
assessment	These scripts produce the functionality for the MATAMA Assessments.
audio	This contains audio media files.
classifiedads	These scripts produce the functionality for the Classified Ads feature of the v2.0 site.
communityresources	These scripts produce the functionality of the Community Resources page of PLA's.
dashboards	These scripts produce the dashboards for all users, as well as most top-level lists on the dashboards. Note that extensive use of includes in the dashboards implies that much of the functionality is held within the /includes folder.
discuss	This is the discussion or forum feature from the v1.5 site.
dsp	These are Fusebox scripts from the v1.5 site.
eroom	This is where the eRoom functional ASP's and images are held. This folder is maintained by the eRoom application.
eroomsetup	This is where the eRoom setup files for users is stored. This folder is maintained by the eRoom application.
errorpages	These are site-wide custom error pages.
faqs	These scripts contain the FAQ functionality of the site.
help	These scripts contain the Help functionality of the site.
home	This is a collection of scripts that were heavily modified from the v1.5 site.
ibill	This contains all of the custom HTML forms and direct interaction scripts for iBill.
images	This is the same structure from the v1.5 site with additional subdirectories added.
includes	The general include files for the entire site are located under this directory. Subdirectories are present to group the includes.
news	This is the news feature from the v1.5 site.
newsletter	This is the newsletter feature (user-side) from the v1.5 site.
partners	These scripts contain the Partners functionality from the homepage.
press	This is the press feature from the v1.5 site.
pr files	These scripts provide the 'Edit My Profile' functionality for all usertypes
register	These scripts provide all of the registration, upgrade and transferring functionality on the site.
resources	These scripts provide the Resources feature.

roadmap	This contains the v1.5 scripts, heavily modified, that provide the Roadmap feature.
spotlight	These scripts provide the 'Spotlight' feature.
utilities	This folder contains scripts for error handling functionality as well as the search.
venturebuilder	This contains scripts for the v1.5 Venture Builder feature.
ventures	This contains scripts for the v1.5 Venture Builder feature.
vvtext	This contains miscellaneous scripts from the v1.5 site.

### Database Schema

Following is a list of each table and each field within each table. All of the Groundswell tables are prefixed with the standard Hungarian notation of 'tbl' and each field is prefixed with 'fld'. Any table in the database without these prefixes was not created by Groundswell. This documentation does not cover any tables not created by Groundswell.

Table	Field	Description
tblAccessLevels		This table contains the various access levels; it is referenced throughout the site by both fldID and fldShortDesc.
	fldShortDesc	A short description
	fldLongDesc	A longer description
tblAds		This table contains one row for each ad in the Classified Ads section.
	fldCategoryID	Key to tblAdTopics.fldID
	fldOwnerUserID	Key to tblUsers.fldID for the owner of the ad.
	fldShortDesc	A short description
	fldLongDesc	A longer description
	fldDateExpiration	Date of expiration of the ad.
	fldPriority	The priority of the ad.
	fldIsOffer	0 = Wanted Ad, 1 = To Sell Ad
tblAdTopics		This table contains the various topics for ads.
	fldName	The name of the topic.
	fldShortDesc	A short description
	fldLongDesc	A longer description
tblAlerts		This contains all of the alerts that are used to track user events in the application. One row is inserted for each event that occurs.
	fldAlertID	Key to tblAlertTypes.fldID.
	fldInvokedByUserID	Key to tblUsers.fldID for the user who caused the event.
	fldTargetUserID	Key to tblUsers.fldID for the user who was targeted by the action.
	fldDateCreated	Creation date of the record.
tblAlertTypes		This table contains the various events that are defined for the system.
	fldIsSystem	0 = Shown to users, 1 = For system tracking only, not meant to be shown to users.
	fldShortDesc	A short description
	fldLongDesc	A longer description
tblAssessmentAnswers		This table contains one record for every answer to every question for every assessment that has ever been saved.

	fldAssessmentID fldQuestionID fldAnswer fldModifyDate	Key to tblAssessments.fldID. Key to tblAssessmentQuestions.fldID Text field that holds answer text. The date the particular answer was last modified.
<b>tblAssessmentQuestions</b>		This table contains one record for every pre-defined question for each of the four types of assessments.
	fldTemplateType fldSection  fldQuestionNo  fldTitle fldLongDesc	The template this question belongs to. The section of the template that this question belongs to.  An numeric identifier used to order the questions.  The title of the question. A longer description
<b>tblAssessments</b>		This table contains one row for each assessment.
	fldVentureID  fldAssessorID fldCreateDate fldModifyDate fldAssessmentType  fldComplete  fldVersion fldTotalRating	Key to tblUsers.fldID for the venture being assessed.  Key to tblUsers.fldID for the assessor. Creation date of the record. The last modification date of the assessment. One of the four pre-defined types of assessments.  0 = Not complete, -1 = Complete, 2 = Complete but not approved. Not used. The total rating of the assessment, calculated once the assessment is completed.
<b>tblAssessmentSectionRating</b>		This table contains the score for each section of each assessment saved.
	fldAssessmentID fldSectionID fldRating	Key to tblAssessments.fldID. Key to tblAssessmentSections.fldID The rating the assessor chose.
<b>tblAssessmentSections</b>		This table contains all of the pre-defined sections for each template.
	fldTemplateType fldSection fldWeight	One of the four pre-defined assessment types. The pre-defined section name. The set weight for a section. Used to weight the rating score for each section of each template.
<b>tblBillingPINCodes_xxxx</b>		These tables contain all of the iBill PIN codes.
	fldPINCode fldOwnerUserID  fldIsAvailable fldDateTaken	The pin code from iBill. Key to tblUsers.fldID. Populated when a user registers with iBill. 0 = Available, 1 = taken. The date the PIN was assigned to a user.
<b>tblBusinessModels</b>		This table contains all of the business models.
	fldName fldShortDesc fldLongDesc	The name. A short description A longer description

<b>tblCapitalSources</b>	fldName fldShortDesc fldLongDesc	This table contains all of the capital sources. The name. A short description A longer description
<b>tblCommunities</b>	fldAdminUserID  fldDateCreated fldDateDeactivated fldBannerTextColor fldTableTextColor fldBannerBackColor  fldTableBackColor  fldLogoPath fldWelcomeMsg	This table contains one record for each community on the site. The first record is for the VentureVortex general community.  Key to tblUsers.fldID for the PLA for this community. Creation date of the community. Not used. The color code for the text of the banner. The color code for the text of the tables. The color code for the background color of the banner. The color code for the background color of the tables. The filename of the community logo. The welcome message for the community.
<b>tblCompanyStages</b>	fldName fldShortDesc fldLongDesc	This table contains all of the company stages. The name. A short description A longer description
<b>tblCompanyStructures</b>	fldName fldShortDesc fldLongDesc	This table contains all of the company structures.  The name. A short description A longer description
<b>tblCorpEmployees</b>	fldAdminID fldEmployeeID fldDateCreated	This table contains one record for every VPCE. Key to tblUsers.fldID for the VPCA. Key to tblUsers.fldID for the VPCE. Creation date of the record.
<b>tblCountries</b>	fldName	This table contains all of the countries. The name of the country.
<b>tblEducations</b>	fldName fldShortDesc fldLongDesc	This table contains all of the education levels. The name. A short description A longer description
<b>tblEmployeeRoles</b>	fldName fldShortDesc fldLongDesc	This table contains all of the employee roles. The name. A short description A longer description
<b>tblEmployeeRolesToUsers</b>	fldUserID fldEmployeeRoleID	This table contains one record for each employee role associated with a particular user. Key to tblUsers.fldID for the user. Key to tblEmployeeRoles.fldID.

<b>tblEroomFacilities</b>	fldName fldFullURL fldEroomsHeld	This table contains one record for each facility within the eRoom. This table was created for the automatic handling of multiple facilities within eRoom. It is not used.  The name of the eRoom. The full URL to the facility. The number of eRooms contained within the facility.
<b>tblErooms</b>	fldName fldFacilityID fldFullURL fldOwnerID	This table contains one record for each eRoom. This table was created for the automatic handling of multiple facilities within eRoom. It is not used.  The name of the eRoom. Key to tblEroomFacilities.fldID. The full URL to the eRoom. Key to tblUsers.fldID.
<b>tblFAQs</b>	fldTopicID fldActive fldQuestion fldAnswer fldDateCreated fldPriority	This table contains one record for each FAQ item.  Key to tblFAQTopics.fldID. 0 = Inactive, 1 = Active. The question of the FAQ. The answer to the FAQ. Creation date of the record. Numeric field used to order FAQ items.
<b>tblFAQsToUsers</b>	fldFAQID fldUserTypeID	This table links the FAQ items to particular user types, so that different user types will see different FAQ items.  Key to tblFAQs.fldID. Key to tblAccessLevels.fldID.
<b>tblFAQTopics</b>	fldName fldShortDesc fldLongDesc	This table contains the FAQ topics. The name. A short description A longer description
<b>tblFilteredLists</b>	fldUserID fldOnRating fldOnIndustry fldRating	This table contains one record for each saved filtered list on a PLA's dashboard. Key to tblUsers.fldID that indicates the PLA this filtered list belongs to. 0 = Rating not selected, 1 = Rating selected as search criteria. 0 = Industry not selected, 1 = Industry(s) selected as search criteria. The rating to use as a search criteria for the filtered list.
<b>tblFilteredListsToIndustries</b>	fldListID fldIndustryID	This table contains one record for each industry chosen as a search criteria for the filtered lists. Key to tblFilteredLists.fldID. Key to tblIndustries.fldID.
<b>tblHelpItems</b>		This table contains one record for each help item.

	fldKeyword	The keyword that is used in the URL for the help item.
	fldShortDesc	A short description
	fldLongDesc	A longer description
<b>tblIndustries</b>		This table contains all of the industries.
	fldName	The name.
	fldShortDesc	A short description
	fldLongDesc	A longer description
<b>tblInvitations</b>		Not used.
	fldVentureUserID	Not used.
	fldSendFromUserID	Not used.
	fldSendToUserID	Not used.
	fldShortDesc	Not used.
	fldDateCreated	Not used.
<b>tblJobs</b>		This table contains one record for each possible profession.
	fldJobTopicID	Key to tblJobTopics.fldID.
	fldName	The name.
<b>tblJobTopics</b>		This table contains one record for each of the possible professional categories.
	fldName	The name.
<b>tblPartnerCategories</b>		This table contains one record for each category for the partners feature.
	fldName	The name.
<b>tblPartners</b>		This table contains one record for each partner defined in the Admin tool.
	fldCategoryID	Key to tblPartnerCategories.fldID.
	fldPartnerTypeID	0 = URL only, 1 = Detail page, 2 = Detail page & Email Request form.
	fldName	The name.
	fldURL	The URL.
	fldShortDesc	A short description
	fldLongDesc	A longer description
	fldTelPhone	The telephone number.
	fldTelFax	The facsimile number.
	fldEmail	The email address.
	fldContactFirstName	The first name of the contact.
	fldContactLastName	The last name of the contact.
	fldDateCreated	Creation date of the record.
	fldActive	0 = Inactive, 1 = Active.
	fldLogoPath	The image name for the partner.
<b>tblPressClippings</b>		Not used.
	fldDateAdded	Not used.
	fldActive	Not used.
	fldAddedBy	Not used.
	fldTitle	Not used.
	fldHeader	Not used.
	fldBodyText	Not used.
	fldFooter	Not used.

<b>tblProfessions</b>	fldName fldShortDesc fldLongDesc	This table contains all of the professions. The name. A short description A longer description
<b>tblReferralCodes</b>	fldIsMember fldUserID fldCode fldUserType  fldLicenseNumber fldDateCreated fldLicensesUsed	This table contains all of the referral codes usable for registration or upgrades. 0 = Not member, use tblReferrers for fldUserID; 1 = Member, use tblUsers for fldUserID. Key to tblUsers.fldID or tblReferrers.fldID, depending on fldIsMember. The referral code. Textual description of possible user types for this referral code. Used to verify that user is registering using correct registration process.  The number of times this referral code can be used. Creation date of the record. The number of licenses already used for this referral code.
<b>tblReferrers</b>	fldActive fldFirstName fldLastName fldCompName fldAddress1 fldAddress2 fldCity fldStateID fldZip fldURL fldEmail fldTelPhone fldTelFax fldShortDesc	This table contains all of the non-user referrers. 0 = Inactive, 1 = Active First name of the contact. Last name of the contact. The company name. The first line of the address. The second line of the address. The city Key to tblStates.fldID. The zipcode. The URL. The email address. The main telephone number. The facsimile number. A short description.
<b>tblRegions</b>	fldName fldShortDesc fldLongDesc	This table contains all of the regions. The name. A short description A longer description
<b>tblResources</b>	fldCommunityID fldName fldURL fldShortDesc	This table contains one record for each defined resource for a PLA's Resources feature. Key to tblCommunities.fldID. The name of the resource. The URL for the resource. A short description.
<b>tblRoadmapSteps</b>	fldStepNumber fldShortDesc fldLongDesc fldLogoPath	This table contains one record for each roadmap step. The step number. A short description A longer description The image name for the Roadmap Step.



<b>tblServiceProviders</b>	fldRoadmapStepID fldProviderType  fldName fldURL fldEmail fldTelPhone fldTelFax fldContactFirstName fldContactLastName fldShortDesc fldLongDesc fldActive fldLogoPath fldDateCreated fldOrderNo	This table contains one record for each Service Provider, as defined in the Admin tool. Key to tblRoadmapSteps.fldID. 0 = URL only, 1 = Detail page, 2 = Detail page & Email Request form.  The name. The URL. The email address. The telephone number. The facsimile number. The first name of the contact. The last name of the contact. A short description A longer description 0 = Inactive, 1 = Active. The image name for the partner. Creation date of the record. The display order of the Service Provider.
<b>tblServices</b>	fldServiceTopicID fldName	This table contains one record for each service. Key to tblServiceTopics.fldID. The name.
<b>tblServicesToUsers</b>	fldServiceID fldUserID	This table contains one record for each service associated with each user. Key to tblServices.fldID. Key to tblUsers.fldID.
<b>tblServiceTopics</b>	fldName	This table contains one record for each service topic. The name.
<b>tblSiteSettings</b>	fldName fldValue	This table contains records for site-wide settings.  The name of the site setting. The value.
<b>tblSpotlights</b>	fldUserID fldLogoPath fldBigLogoPath  fldShortDesc fldLongDesc fldDateCreated	This table contains one record for each spotlight as defined in the Admin tool. Key to tblUsers.fldID. The image name for the logo of the spotlight. The image name for the large image of the spotlight. A short description A longer description Creation date of the record.
<b>tblStates</b>	fldAbbrev fldName	This table contains the states. The abbreviation for the state. The name.
<b>tblUsers</b>	fldUserTypeID fldCommunityID fldActive fldDateCreated	This table contains one record for each user of the site. Key to tblAccessLevels.fldID. Key to tblCommunities.fldID. 0 = Inactive, 1 = Active. Creation date of the record.

fldDateLastLogin	Last login date.
fldDateDeactivated	Date deactivated.
fldUID	User ID.
fldPWD	Password.
fldPWDHint	Password hint.
fldReferralID	Key to tblReferralCodes.fldID.
fldFirstName	First name.
fldLastName	Last name.
fldMiddleName	Not used.
fldAddress1	First line of address.
fldAddress2	Second line of address.
fldCity	City.
fldStateID	Key to tblStates.fldID.
fldZip	Zipcode.
fldCountryID	Key to tblCountries.fldID.
fldTelBusiness	Business telephone number.
fldTelBusinessExt	Not used.
fldTelFax	Facsimile number.
fldTelPager	Not used.
fldTelMobile	Not used.
fldEmail	Email address.
fldRegionID	Key to tblRegions.fldID.
fldVentureName	Not used.
fldResume	Not used.
fldJobDesc	Not used.
fldVVReferralID	Key to tblVVReferralSources.fldID.
fldVVReferralDesc	Other description field.
fldNewsletter_Build	0 = None, 1 = Text, 2 = HTML
fldNewsletter_Tech	0 = None, 1 = Text, 2 = HTML
fldNewsletter_Alerts	0 = None, 1 = Text, 2 = HTML
fldReferralEmail	Friend's email address for newsletter referral.
fldEducationID	Key to tblEducations.fldID.
fldProfessionalBio	Professional biography.
fldProfessionID	Key to tblProfessions.fldID.
fldProfessionDesc	Other description field.
fldProfessionalRoleID	Key to tblJobs.fldID.
fldRoleID	Key to EmployeeRoles.fldID.
fldRoleDesc	Other description field.
fldCompName	Company name.
fldCompDesc	Company description.
fldCompURL	Company URL.
fldCompAbstract	Company abstract.
fldCompIndustryID	Key to tblIndustries.fldID.
fldCompIndustryDesc	Other description field.
fldCompBusinessModelID	Key to tblBusinessModels.fldID.
fldCompBusinessModelDesc	Other description field.
fldCompFoundDate	Company founding date.
fldCompStructureID	Key to tblCompanyStructures.fldID.
fldCompStructureDesc	Other description field.
fldCompCurrentEmployees	Number of current employees.
fldCompFutureEmployees	Number of future employees.
fldCompCurrentStageID	Key to tblCompanyStages.fldID.
fldCompCurrentCapital	Amount of current capital.
fldCompCurrentCapSourceID	Key to tblCapitalSources.fldID.
fldCompCurrentCapSourceDesc	Other description field.
fldCompCurrentCapSourceFunder	Name of current company capital source funder.
fldCompFutureCapital	Amount of future capital.

	fldCompFutureCapSourceID	Key to tblCapitalSources.fldID.
	fldCompFutureCapSourceDesc	Other description fi Id.
	fldServicePlanReview	0 = Not checked, 1 = Checked.
	fldServiceRealEstate	0 = Not checked, 1 = Checked.
	fldServiceNeedInsurance	0 = Not checked, 1 = Checked.
	fldServiceNeedBanking	0 = Not checked, 1 = Checked.
	fldServiceNeedRecruiting	0 = Not checked, 1 = Checked.
	fldServiceNeedOther	0 = Not checked, 1 = Checked.
	fldVentureRating	Total venture rating.
<b>tblUsersToVentures</b>		This table contains one record for each user associated with each venture.
	fldUserID	Key to tblUsers.fldID.
	fldVentureID	Key to tblUsers.fldID for the venture.
	fldStatus	Not used.
	fldDateCreated	Creation date of the record.
<b>tblVVReferralSources</b>		This table contains the referral sources to VV.
	fldName	The name.